

Date: Fri, 22 Apr 94 06:05:04 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #443
To: Info-Hams

Info-Hams Digest Fri, 22 Apr 94 Volume 94 : Issue 443

Today's Topics:

ARRL DX Bulletin #21 - April 19, 1994
ARRL DX Bulletin #22 - April 19, 1994
Daily Summary of Solar Geophysical Activity for 19 April
FTP site for IBM freeware???
Kenwood TH-78A *OR* Yaesu FT-530
Obtaining a MARS liscense
OH5IY's meteor scatter S/W V4.2 released
SS Jeremiah O'Brien Normandy voyage
Sweden Calling DXers - 2198
The Confiscated HT Story (was Illinois anti scanner legisla)
VK2SG RTTY DX Notes, 22 April

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 19 Apr 1994 19:13:03 MDT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
ve6mgs!usenet@network.ucsd.edu
Subject: ARRL DX Bulletin #21 - April 19, 1994
To: info-hams@ucsd.edu

ZCZC AE19
QST de W1AW
DX Bulletin 21 ARLD021
>From ARRL Headquarters
Newington CT April 19, 1994

To all radio amateurs

SB DX ARL ARLD021

ARLD021 Pratas on DXAC agenda

Pratas on DXAC Agenda

ARRL DX Advisory Committee Chairman Robert Beatty, W4VQ, has announced that the question of new country status for Pratas Island (BV9) is back on the DXAC agenda.

Dr. Bolon Lin, BV5AF, of the Chinese Taipei Amateur Radio League (CTARL) is now in contact with the DXAC. Dr. Lin is providing answers to committee questions. A vote on the question of DXCC country status for Pratas has not been scheduled at this time.
NNNN

--

James J. Reisert Internet: reisert@wrksys.enet.dec.com
Digital Equipment Corp. UUCP: ...decwrl!wrksys.enet.dec.com!reisert
146 Main Street - ML03-6/C9 Voice: 508-493-5747
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Date: Tue, 19 Apr 1994 19:13:35 MDT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
ve6mgs!usenet@network.ucsd.edu
Subject: ARRL DX Bulletin #22 - April 19, 1994
To: info-hams@ucsd.edu

ZCZC AE20

QST de W1AW

DX Bulletin 22 ARLD022

>From ARRL Headquarters

Newington CT April 19, 1994

To all radio amateurs

SB DX ARL ARLD022

ARLD022 DXAC vote results

DXAC vote results

By unanimous vote, the ARRL DXAC (DX Advisory Committee) passed a recommendation to delete Walvis Bay (ZS9) and Penguin Islands (ZS0,1). The DXAC decided that these entities no longer meet the DXCC criteria following their turnover to Namibia by South Africa.

In another ballot, the DXAC voted down a proposal to add additional single band awards to the DXCC program. (There were 13 no and 2 yes votes with 1 abstain.)

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--
James J. Reisert      Internet:  reisert@wrksys.enet.dec.com
Digital Equipment Corp.  UUCP:    ...decwrl!wrksys.enet.dec.com!reisert
146 Main Street      - ML03-6/C9   Voice:      508-493-5747
Maynard, MA 01754    FAX:      508-493-0395
```

Date: Tue, 19 Apr 1994 23:25:18 MDT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!
nnntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 19 April
To: info-hams@ucsd.edu

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

19 APRIL, 1994

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 19 APRIL, 1994

```

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 109, 04/19/94
10.7 FLUX=085.4  90-AVG=094          SSN=052          BKI=5333 2223  BAI=016
BGND-XRAY=A5.7    FLU1=4.4E+05  FLU10=1.2E+04  PKI=5344 2233  PAI=016
    BOU-DEV=080,034,038,035,013,015,010,022  DEV-AVG=031 NT    SWF=00:000
    XRAY-MAX= C2.1    @ 1700UT    XRAY-MIN= A4.8    @ 2235UT    XRAY-AVG= B1.2
NEUTN-MAX= +000%    @ 0000UT    NEUTN-MIN= +000%    @ 0000UT    NEUTN-AVG= +0.0%
    PCA-MAX= +0.0DB @ 0000UT    PCA-MIN= +0.0DB @ 0000UT    PCA-AVG= +0.0DB

```

BOUTF-MAX=55345NT @ 0155UT BOUTF-MIN=55309NT @ 1658UT BOUTF-AVG=55326NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+076,+000,+000
GOES6-MAX=P:+126NT@ 1812UT GOES6-MIN=N:-092NT@ 0510UT G6-AVG=+095,+028,-042
FLUXFCST=STD:110,115,120;SESC:110,115,120 BAI/PAI-FCST=015,015,010/015,010,015
KFCST=3334 4333 3334 2111 27DAY-AP=017,016 27DAY-KP=3533 4322 4325 4222
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 18 APR 94 was 20.8.
The Full Kp Indices for 18 APR 94 are: 3+ 4- 4o 3o 4- 4- 3+ 3-
The 3-Hr Ap Indices for 18 APR 94 are: 17 21 29 14 24 24 19 14
Greater than 2 MeV Electron Fluence for 19 APR is: 1.8E+08

SYNOPSIS OF ACTIVITY

Solar activity was low. Newly numbered Region 7704 (N08E85) produced an impressive C2/2N flare at 19/1700UT with an associated loop prominence. This region is just now showing a small H type spot group. Region 7701 (N07E12) displayed just a minor B1/SF flare at 19/1247UT. This region is decaying. Region 7703 (N09E31) was also numbered today.

Solar activity forecast: solar activity is expected to be very low to low. Region 7704 has the best chance of producing C-class activity and an outside chance of an isolated M-class flare.

The geomagnetic field has been at quiet to minor storm levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be mostly unsettled for the entire forecast period.

Event probabilities 20 apr-22 apr

Class M	05/05/05
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 20 apr-22 apr

A. Middle Latitudes	
Active	35/35/20
Minor Storm	15/15/10

Major-Severe Storm 05/05/05

B. High Latitudes

Active 35/35/25

Minor Storm 20/20/15

Major-Severe Storm 10/10/05

HF propagation conditions finally returned to near-normal values over the low and middle latitudes and began approaching near-normal values over the high and polar latitudes. These higher latitude regions continued to experience minor signal degradation, but transpolar and transauroral circuits are far better than they were two days ago. MUFs remain depressed by between approximately 15 to 25 percent, but are also slowly recovering. Similar gradually improving conditions are expected over the next 3 days. Enjoy it while it lasts; the recurrent coronal hole which has had a profound impact on global communications over the last three months is due to return in early May.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 19/2400Z APRIL

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7701	N07E12	118	0110	CSO	04	003	BETA	
7702	S12E14	111	0020	CRX	03	005	ALPHA	
7703	N09E31	099	0000	AXX	00	001	ALPHA	
7704	N08E78	052	0000	AXX	01	003	ALPHA	
7700	N03W77	207					PLAGE	

REGIONS DUE TO RETURN 20 APRIL TO 22 APRIL

NMBR LAT LO

NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 19 APRIL, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 19 APRIL, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 19/2400Z

```

-----
                ISOLATED HOLES AND POLAR EXTENSIONS
      EAST  SOUTH WEST  NORTH CAR TYPE POL AREA  OBSN
76  N57W02 S12W58 S03W83 N59W18 174 ISO POS  029 10830A
  
```

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

```

-----
Date   Begin  Max   End  Xray  Op Region  Locn      2695 MHz  8800 MHz  15.4 GHz
-----
18 Apr: 1347  1421  1514  C1.2
  
```

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

```

-----
              C   M   X       S   1   2   3   4   Total   (%)
              --  --  --       --  --  --  --  --   ---   -----
Uncorrelated: 1   0   0       0   0   0   0   0    001  (100.0)
  
```

Total Events: 001 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

```

-----
Date   Begin  Max   End  Xray  Op Region  Locn      Sweeps/Optical Observations
-----
                                NO EVENTS OBSERVED.
  
```

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

```

II      = Type II Sweep Frequency Event
III     = Type III Sweep
IV      = Type IV Sweep
V       = Type V Sweep
Continuum = Continuum Radio Event
  
```

Loop = Loop Prominence System,
Spray = Limb Spray,
Surge = Bright Limb Surge,
EPL = Eruptive Prominence on the Limb.

** End of Daily Report **

Date: 22 Apr 94 02:55:51 GMT
From: agate!library.ucla.edu!csulb.edu!nic-nac.CSU.net!charnel.net.csuchico.edu!
charnel!yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!ncar!uchinews!
iitmax!news@ucbvax.berkeley.edu
Subject: FTP site for IBM freeware???
To: info-hams@ucsd.edu

Is there an FTP site(s) for Ham-related freeware/shareware for IBM-compatibles?

I just got my system, and need WAREZ!!!!

Especially want: Morse instruction, packet radio, FCC rules.
*** PLEASE REPLY TO E-MAIL, MY HOST IS OFTEN TOO BUSY!!! ***

Art Mandelin, N9THH

CMSMANDELIN@harpo.acc.iit.edu

Arthur M. Mandelin, II ("The Artation") CMSMANDELIN@harpo.acc.iit.edu
"If you want to know what's behind the show / you ride my carousel and enter
life's jail cell. / Love and blood begin to meld, you've lost the self that
you once held / Merry go round your head -- awake, asleep, alive or dead."
-- Mr. Bungle, "Carousel" (Mr. Bungle)

Date: 21 Apr 94 20:03:35 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!usc!nic-nac.CSU.net!ctp.org!not-for-
mail@ucbvax.berkeley.edu
Subject: Kenwood TH-78A *OR* Yaesu FT-530
To: info-hams@ucsd.edu

> >above, I use the CTCSS feature to mitigate the intermod. Note that CTCSS
> >does delay the squelch opening about half a second, so those who quick-key
> >get the beginning of their sentences clipped.
>

> This is a chronic problem with Kenwood CTCSS circuits in both their
> handhels and their mobiles. Other brands don't have this slow CTCSS
> detect problem. The only people I ever hear complaining about missing

I have a FT-530 and have never had a problem with CTCSS not opening up fast enough. BUT know that you talk about Kenwood... I do use a Kenwood TK-340 commercial handheld at work and have noticed that I must deliberately hold the PTT down for a few extra seconds before I talk, otherwise no one will hear the beginning of my message. BTW it does use a PL of 100. Strange....I had never thought about this.

Steven Adams
sadams@ctp.org
KD6KGJ

Date: Wed, 20 Apr 1994 18:22:26 GMT
From: mozo.cc.purdue.edu!noose.ecn.purdue.edu!orchid.ecn.purdue.edu!
gerde@purdue.edu
Subject: Obtaining a MARS liscense
To: info-hams@ucsd.edu

Any Technician or above (Novice class has to upgrade within one year) can apply to the state MARS director for each service (Army, Navy/Marine or Air Force). If you will send me what state you live in and what service you wish to be affiliated with, I will attempt to put you contact with that state's MARS director.

N9NW0/AAV5Z0
Indiana Army MARS

Date: Tue, 19 Apr 1994 10:56:58 -0600
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
ve6mgs!usenet@network.ucsd.edu
Subject: OH5IY's meteor scatter S/W V4.2 released
To: info-hams@ucsd.edu

Good news for meteor scatter freaks !

Version 4.2 of OH5IY's meteor scatter software has been released today. I have uploaded it into ftp.funet.fi: pub/ham/vhf-work/mssoft42.zip.

V4.2 has lots of improvements and changes compared to V4.1. The most exciting new feature is true, measured activity of major showers. The

graphs show the profile of each shower 96 hrs around the peak. This is something you really want to lay your hands on !!

Other new features or changes include:

- bar graphics ZHR history for major showers since 1980.
- updated shower data and improved peak calculation algorithms.
- meteor speed correction factor used in computing ant. elevation.
- sidescatter optimum elevations computed.
- day scanning on gradient curves with EGA&VGA.
- single screen shows all numeric gradient data.
- improved text editor and find function in sked-editor.
- improved install and default parameter setting program.
- better error handling.
- mouse control.
- creates \ms and \msdata subdirectories
- installs on any existing subdirectory.
- report can be sent 2 or 3 times on CW.

There are many new features not listed above. See readme42.com to find them all.

If you are using this software, send a message to OH5IY for his records. If you send your packet or e-mail address, you will get the new data files automatically after each shower. OH5IY's e-mail and packet addresses are mentioned in the end of readme42.com.

If you can't ftp but want a copy of the new version, send a formatted 3.5" HD disk with 4 IRCs (or equal amount of USD) inside Europe, 6 IRCs outside Europe, + Self Addressed Envelope (SAE) to Ilkka Yrjola OH5IY, Jukolan tie 16, FIN-45740 Kuusankoski, Finland.

The first copies of the new version will be mailed out this week.

The latest version is always available by anonymous ftp at [ftp.funet.fi](ftp://ftp.funet.fi) (128.214.6.100): `pub/ham/vhf-work/mssof*.zip`. The new versions will be named as `mssof421.zip`, `mssof422.zip`, `mssof423.zip` etc. (Hint: use `pkunzip -d` to open the .zip file). In future look also for `msdata94.zip`, which will contain all new data files. It will be updated after each shower.

--

Jukka OH6DD jsi@hut.fi

Date: Wed, 20 Apr 1994 18:29:19 GMT

From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!

bassett@network.ucsd.edu

Subject: SS Jeremiah O'Brien Normandy voyage
To: info-hams@ucsd.edu

John Wilson (wilsonjh@netcom.com) wrote:

: Monday the SS Jeremiah O'Brien left San Francisco for Normandy for the
: festivities being held June 6 to commemorate the 25th anniversary of the
: Normandy invasion. This is the last operating Liberty Ship, and is crewed
: by volunteers. Does anybody know if they have an amateur operation? Any
: info about call signs, skeds, etc. would be appreciated.

The person who was supposed to be the Second Mate had a major fall that caused him to miss the trip. He is a ham (W6LPP) and is going to try to maintain communications with the several hams on board. Some of the hams here in Fremont, CA where Lou lives are helping him put up a tower and antenna as we speak.

I'll try to contact him and see if he can shed any light on freqs, scheds, etc.

Greg Bassett - KJ6EP
(415) 855-5825
bassett@merlot.syntex.com

--

Greg Bassett
Syntex Corporation
(415) 855-5825
bassett@merlot.syntex.com
KJ6EP @ N6QMY.#NOCAL.CA.USA.NA

Date: Tue, 19 Apr 1994 11:25:04 -0600
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: Sweden Calling DXers - 2198
To: info-hams@ucsd.edu

::::::::::::::::::::::::::::::::::::
:: MediaScan ::
:: SWEDEN CALLING DXERS ::
:: from Radio Sweden ::
:: Number 2198--April 19, 1994 ::
::::::::::::::::::::::::::::::::::::

Satellite, shortwave and other electronic media news from Radio Sweden.
This week's bulletin was written by George Wood.

Packet Radio BID SCDX2198

All times UTC unless otherwise noted.

NORDIC MEDIA NEWS:

DAB AND RADIO SISU--Digital Audio Broadcasting is the next breakthrough in radio, set to replace FM with CD-quality that doesn't fade as you drive your car among the downtown urban gulleys and canyons. Either you've got the signal perfectly, or you don't have it at all.

When DAB comes to Sweden, it will bring with it a number of changes, including a new national radio network. A Swedish Radio working group has just published its report on Radio Sisu, a planned 24 hour national channel in the Finnish language.

The Finns are the largest minority group in Sweden, 400,000 strong, and Swedish Radio's Finnish Department currently produces just over an hour and a half a day of programming. The working group was led by Eija Björstrand of Swedish Radio in the southern city of Jönköping, whom we interviewed in today's program.

There are three target groups for the new channel: Finns who are living in Sweden, the people of the Tornedalen province of northern Sweden, who speak a dialect of Finnish, and members of the Swedish-speaking minority in Finland who may be visiting or moved to Sweden. Serving this third group means that Radio Sisu will also be programming in the Finnish dialect of Swedish. This will be done by splitting the DAB channel and providing programming at times simultaneously in two languages.

There will also be programming from Finland's YLE, including joint productions.

Sisu, by the way, is a Finnish word meaning sort of "inner energy". The launch of Radio Sisu depends on the introduction of Digital Audio Broadcasting in Sweden, we also interviewed Christer Grewen, Swedish Radio's Director of Technical Development.

The original timetable for the introduction of regular DAB broadcasts in Sweden has slipped slightly, from the end of 1995 to early 1996. Sweden may not be the very first European country to broadcast regularly in DAB, but it will be among the first. Other pioneers include Britain and France, along with Canada.

Broadcasts will probably be around TV channel 12, where a 7 MHz allocation would permit 4 DAB blocks. Another allocation above TV channel 12 is being discussed at 230-240 MHz. Canada and France will use L-band channels around

1.5 GHz, otherwise a satellite band.

Swedish Radio will initially use 1 block, which can carry 5 stereo programs. This would be the current 4 national channels and Radio Sisu, but it can be reconfigured dynamically to carry extra narrowband channels, such as programming in minority languages. This may be done to carry the current Stockholm International service nationally.

Sweden's new private broadcasters haven't shown any interest in DAB, but those that survive can be expected to try DAB in a few years.

If DAB service begins in 1996, reasonable coverage of the entire country can be expected by the end of 1997. FM service will continue in parallel with DAB during a 10 to 12 year phase-out period. So FM will be a thing of the past here by 2010.

Britain and the Netherlands, along with Sweden, are currently carrying DAB test transmissions. Britain is expected to begin regular broadcasts next year. But there is a hitch. According to a well-informed source, Britain's Department of Trade and Industry only wants to allocate DAB frequencies for 15 years. The BBC says this is too short, and is demanding assurances of a longer period before committing itself to the investments required to build a national DAB network.

RADIO--One of the new Swedish private radio networks, Storstadsradiön, also known as City Radio, is now using Femman's (the former TV5 Nordic) transponder on Tele-X, audio 8.45 MHz. (Bertil Sundberg in "Paa TV")

Some months ago we noted with surprise that Radio Sweden and the Voice, the two radio stations on the TV4 transponder on Tele-X, could also be heard on Femman's transponder (and more recently on the TV4 relay on the new Sirius satellite at the same location). It turns out that the move was made because the TV4 transponder had become unreliable. While Radio Sweden's management hasn't bothered to tell anyone, our official transponder is now Femman's, although the TV4 relay continues.

INTELSAT--Following the failure of the most recent Ariane launch, the new high-powered Intelsat 702 satellite is now due to go into orbit in late May. It will replace Intelsat 512 at 1 degree West, the same position as Norway's Thor direct broadcast satellite. TV Norge, which is currently at that position, will continue in PAL, and it will be joined by Norway's TV2 in D2-MAC and the public broadcaster NRK in D-MAC. NRK is moving from Sweden's Tele-X satellite. (Bertil Sundberg in "Paa TV" and Jan Johansson)

We reported a few weeks ago that the major cable TV companies in the Nordic countries are working together to provide a complete program package on Intelsat 702.

SARAJEVO--Sweden is providing USD 66,000 in support to the independent radio station ZID in Sarajevo. This follows an appeal from Unesco, and the money is to be used to buy equipment for the station, an independent voice in a country where presidential power has been exerting more and more control over the media. (TT)

EUROPEAN MEDIA NEWS:

ASTRA--The German channel VOX has run out of money and is being run by a skeleton staff until April 30th. If a new investor can't be found by then, the channel will go off the air. A lot of people are hoping NBC's new improved Super Channel will take its place on Astra. (BBC Monitoring, James Robinson, Bertil Sundberg in "Paa TV", "Skyguide", and "Satnews")

The German travel channel Reise TV is to broadcast all night, 01:30-06:00 hrs UTC, on the UK Gold transponder. (James Robinson)

British Sky Broadcasting hopes to launch a second Multi-Channels package on Astra 1D, when it's launched at the end of the year. Sky is negotiating to purchase all available transponders on the new satellite. This could include channels rumored for the first package, such as the Sci-Fi Channel (now reported coming first in September, along with VH-1 and Nick at Nite), and members of the first Multi-Channels seeking a full transponder (CMT Europe, but see below). ("Skyguide" and James Robinson)

Country Music Television is reported to want to leave the current Multi-Channels package, as of September 1, when it might switch to Eutelsat II-F1, or the coming Eutelsat II-F6X a few months later. Sky is reportedly hoping to move the Travel Channel from Intelsat 601 to CMT's coded part-time slot on Astra. (Bertil Sundberg in "Paa TV") Unfortunately, the Travel Channel's current part-time slot on Intelsat doesn't match CMT's times on Astra.

EUTELSAT--There have been some Astra channels that have popped up on Eutelsat II-F1. Country Music Radio has been heard on the Super Channel transponder, audio 8.10 MHz. And the Cartoon Network and TNT tested on 11.596 GHz, with a special transmission using both ordinary PAL and the new digital standard MPEG-2 at the same time. These were special broadcasts in connection with last week's Cable and Satellite Show in London, and they're both gone now. (James Robinson)

The British authorities have told Super Channel to remove most of the Quantum "Super Shop", as only one hour a day of home shopping is permitted under EU rules. While the reduction will certainly deprive the station of income, it will hardly disappoint viewers, since it would mean increased entertainment programming. (Bertil Sundberg in "Paa TV")

Baseball fans still smarting at Eurosport's refusal to carry the sport, can

take solice in a weekly program called "This Week in Baseball", Saturdays at 17:30 CET on Super Channel, beginning May 28th. (Super Channel) (My personal appeal to Turner Broadcasting to carry Atlanta Braves games in the middle of the night on TNT has gone unanswered.)

World Tamil Television started regular broadcasts on April 14th on Eutelsat II-F3, 11.575 GHz. (James Robinson) The sound quality is terrible, but when the Vatican, Moslem, and Albanian stations are off that channel, you can indulge yourself in movies from the Subcontinent.

There's a new private Hungarian station on mornings and early afternoons until 13:00 hrs UTC on Eutelsat II-F3 called BP-1. It's on 11.638 GHz, which it shares with Polsat. (James Robinson)

A new "adult" channel called TV69 is due to start broadcasts on Eutelsat II-F3 on June 1st on 10.986 GHz (former home of Red Hot TV, which is now reported to be moving to an uplink in the former Yugoslavia, where hard currency is in demand). (James Robinson)

Besides the regular broadcasts on 10.970 GHz on Eutelsat II-F3, Morocco's RTM is using 11.006 GHz for feeds. (James Robinson)

The external service of Polish Radio Warsaw is now broadcasting on via Eutelsat II-F3 on the TV Polonia transponder on 11.080 GHz, audio 8.28 MHz. (BBC Monitoring)

The Turkish Kanal D on Eutelsat II-F4 11.575 GHz, is carrying a radio station called Radio Klub on 7.02 and 7.20 MHz. There is an Arabic language station called Radio Orient on MBC's transponder on Eutelsat II-F1 on 7.38 and 7.56 MHz. It is being carried on 5 cable systems in the London borough of Westminster. (James Robinson)

HISPASAT--New channels have begun broadcasting on Spain's Hispasat. Tele Cinco is on 12.631 GHz, Tele Deporte is on 12.149, Canal Clasico on 12.226, Canal 31 on 12.302, Telesat 5 on 12.379, and Antena 3 Satellite on 12.456 GHz. There are also feeds from the uplink station Hispasat PMC CCS Arganda on 12.660 and 12.710 GHz and others feeds on 11.538 GHz. (Bertil Sundberg in "Paa TV") All I ever see is test patterns....

A QUERY--Can anyone tell me why when we try to get UK Gold's teletext here at Radio Sweden (where we don't have a videocrypt decoder), we can get page 100, which refers us to the index on page 200. But it's impossible to get page 200 or any other page. The numbers scroll past, but the picture sticks on page 100. Why?

RUSSIA--The European Bank for Reconconstruction has pledged USD 10.3 million to start up a program to launch European satellites using Russian rockets. Under the agreement, a Proton rocket will be used next year to launch an

Inmarsat-3 satellite. (Reuters, AP)

AFRICAN MEDIA NEWS:

IVORY COAST--The BBC launched its first FM service in Africa on April 15th, in the Ivorian capital Abidjan, in the face of growing FM competition in Francophone countries. The Ivorian government ended the state broadcasting monopoly in December, 1991, and a year later agreed to allocate FM frequencies to five foreign radio stations. Four are now on the air.

The French government-run Radio France Internationale has led the assault on FM in West Africa, followed by the Gabon-based Africa Number One. In Abidjan, the BBC will also compete with a joint French-Ivorian music venture called Radio Nostalgie.

BBC Afrique will operate in stereo around the clock, adding music, hourly news, and two hours a day of BBC English programs to the existing French service output. The frequency 94.3 MHz was chosen because test transmission started in March, 1994.

The next BBC FM station in Africa will probably be in Mali's capital Bamako. The BBC has also agreement in principle to set up an FM station in the Congo's capital Brazzaville, which would also reach across the Congo river to Zaire's capital Kinshasa. (Reuters, IPS)

NORTH AMERICAN MEDIA NEWS:

TURNER--Turner broadcasting has launched its first commercial-free cable TV channel. Turner Classic Movies draws on the massive MGM film library, and will air hundreds of classic films every month. Cable subscribers will pay no direct fee to Turner for the channel, as they do to HBO and Showtime. Instead, cable operators will be able to charge their customers more for a basic cable service that includes the movie channel. The channel was launched on April 14, 1994, on the 100th anniversary of New York's first movie theater, with a ceremony at Times Square, and the opening film was "Gone With the Wind". (Reuters)

CANADA--The Anik E-2 satellite, which suffered a breakdown on January 29th, will return to operation in August, according to the president of Telesat Canada, Larry Boisvert. (AFP)

ASIAN MEDIA NEWS:

INDIA--The forthcoming Insat 2-C satellite will be much different from the earlier Insats. For the first time, India will use the Ku-band, so signals

can be received with smaller dish antennas. (AIR via BBC Monitoring)

STAR-TV--Asian satellite broadcaster Star-TV announced on April 12th that it is eager to continue its partnership with MTV, despite reports of an imminent break-up. The day before, the Hong Kong daily "Eastern Express" quoted sources close to MTV as saying there was a 95 percent chance Star would drop MTV.

This follows Star's decision to remove BBC World Service TV from its northern beam and replace it with a pay film channel, seen as a concession to China, which objected to the BBC's reporting on human rights abuses. (Reuters)

CHINA--On April 16th China tightened its already strict media controls, decreeing that foreign firms would not be allowed to set up or operate cable television stations. Nor can Chinese cable networks carry foreign programs from satellites. The edict also forbids Sino-foreign joint ventures and co-operatives in the booming cable television market. So far, many Chinese have ignored an April 5th ban on private ownership of satellite dishes. (Reuters, AP)

WEATHER SATELLITES:

GOES--The United States put the world's most sophisticated weather satellite into orbit on April 13th. GOES-I is part of an advanced generation of five weather satellites the National Oceanic and Atmospheric Administration plans to put into orbit in the next 10 years. It was supposed to be launched in 1989, and will bolster a pair of aging spacecraft, one on loan from Europe, which could break-down at any time. The European Meteosat-3 has already operated 3 years beyond its scheduled lifetime, and the old GOES-7 is out of fuel to keep it in its proper place in orbit.

The new GOES will undergo 6 months of testing before being moved into position, where it will work in tandem with the older satellites. If all goes well, GOES-I will become GOES-8 in service. (Reuters, AP)

RUSSIA--Russia says it lacks the money to launch an advanced geostationary weather satellite needed to complete the global meteorological network. An official at the Russian weather monitoring service says the Elektro satellite could have been launched last year had the money been available.

The satellite is intended to hover above the Indian Ocean, covering territory from Germany in the west to Khabarovsk in the east. (Reuters)

Sweden Calling DXers is the world's oldest radio program about international

broadcasting. Radio Sweden has presented this round-up of radio news, features, and interviews on Tuesdays since 1948. It's currently broadcast on the first and third Tuesdays of the month.

Radio Sweden broadcasts in English:

Europe and Africa:

16:15 hrs on 1179 and 6065 kHz
17:30 hrs on 1179, 6065, 9655, and 15390 kHz
20:30 hrs on 1179, 6065 and 9655 kHz
21:30 hrs on 1179 and 6065 kHz, and
22:30 hrs on 1179 and 6065 kHz

Middle East and Africa:

17:30 hrs on 6065, 9655, and 15390 kHz
20:30 hrs on 6065 and 9655 kHz

Asia and the Pacific:

11:30 hrs on 13775, 15120, and 15240 kHz
23:30 hrs on 11910 kHz and
01:30 hrs on 9695 and 11695 kHz

North America:

12:30 and 13:30 hrs on 15240 and 17870 kHz
02:30 and 03:30 hrs on 6040 and 9850 kHz

South America:

00:30 hrs on 6065 and 9850 kHz

The broadcasts at 16:15, 17:30, 21:30, and 22:30 hrs (and weekends at 20:30) are also relayed to Europe by satellite:

Astra 1B (19.2 degrees East) transponder 26 (Sky Movies Gold/TV Asia/Adult Channel) at 11.597 GHz, audio subcarrier at 7.74 MHz,

Tele-X (5 degrees East) (Femman transponder) at 12.476 GHz, audio subcarrier 7.38 MHz.

Radio Sweden is also relayed to Europe via the World Radio Network on MTV's transponder 22 on Astra, audio 7.38 MHz, daily at 20:00 hrs UTC.

Radio Sweden can also be heard on WRN's North American service on ASC-1, on SCOLA's transponder 23, audio 6.20 MHz, daily at 00:00 and 20:00 hrs.

Contributions can be sent to DX Editor George Wood by fax to +468-667-6283, from MCI Mail or CompuServe to the CompuServe mailbox 70247,3516, from Internet to 70247.3516@compuserve.com, or to SMØIIN at the packet radio BBS SMØETV.

Reports can also be sent to:

Radio Sweden
S-105 10 Stockholm
Sweden

Contributions should be NEWS about electronic media--from shortwave to satellites--and not loggings of information already available from sources such as the "World Radio TV Handbook". Clubs and DX publications may reprint material as long as MediaScan/Sweden Calling DXers and the original contributor are acknowledged, with the exception of items from BBC Monitoring, which are copyright.

We welcome comments and suggestions about the electronic edition, Sweden Calling DXers, and our programs in general.

Thanks to this week's contributors

Good Listening!

Date: 20 Apr 1994 11:15:56 -0700

From: get.hooked.net!news.sprintlink.net!connected.com!connected.com!not-for-mail@decwrl.dec.com

Subject: The Confiscated HT Story (was Illinois anti scanner legisla)

To: info-hams@ucsd.edu

The local newspaper covered this story as an Editorial against regulation done wild...and the editor wasn't even a Ham, but he did quote FCC sections. I have heard, although only 'word of month/e-mail/etc' that this was over turned.

Ralph Lindberg N7BSN
more hobbies then time

Date: 22 Apr 94 07:52:49 GMT

From: agate!howland.reston.ans.net!news.intercon.com!news.pipeline.com!

malgudi.oar.net!infinet!n8emr!bulletin@ucbvax.berkeley.edu

Subject: VK2SG RTTY DX Notes, 22 April

To: info-hams@ucsd.edu

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=====
| Automatic relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====
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SB DX @ WW \$RTDX0422

VK2SG RTTY DX Notes, 22 April

VK2SG RTTY DX Notes for week ending 22 April 1994 (BID RTDX0422)

Notes appear a little short this week, but with conditions as they have been and actually are, reports have been few. There has been very little activity, or maybe everyone was chasing on the bands to find some signal around. There is good news for those looking for 9X5LJ. Jacques and his wife Monique are now in Belgium all safely.

Our thanks this week go to ZS5S, W2JGR, WB2CJL, VK2SG, ON6RO, I5ICY, I5IGQ and IK5PWJ PacketCluster and the NJ0M node of the Twin Cities.

Bandpass:

Friday 15

1617-14091 9K2ZZ

1938-14084 CX3ABE

Saturday 16

1438-14086 LZ1KBB

1440-14088 A45XC

1440-14084 UT5DX

1536-21092 ZP6DN

1600-21070 S92ZM ARQ

1610-14084 S57U

1628-21070 S92ZM Pactor

1854-14084 ER1PE

Sunday 17

1329-14083 SV5AZP

(bad conditions)

Monday 18

0808-14088 OD5PL

0809-14090 UY0IO

1440-14089 LY2BBF

1506-21089 UN5GY

1633-14088 9H1ET

1655-14089 4L1BR

1720-14091 UN7LFO

2002-14087 HI8ROX
2317-14082 S92ZM
2331-14085 9A3TB

Tuesday 19

0514-14066 VU2RAK ARQ
1709-14089 Y02KBB
1948-14084 CX7BF
2031-14092 FG5FI

Wednesday 20

0750-14085 UX0KA
0736-14083 9H1ET
1154-14087 OH0NLP
1155-14085 ER2BP
1355-14087 YT70X
1732-14089 UT5DX
2055-7037 OH0NLP

Thursday 21

0812-14087 OH0NLP
1149-14085 UT5DX
1158-14083 RA2FB
1304-14083 GI4NIV

Notes of Interest:

DXAC VOTE RESULTS. The DXAC passed a recommendation to delete Walvis Bay (ZS9) and Penguin Islands (ZS0,1). Both countries became deleted effective date of March 1, 1994.

RTTY (FS RTTY). We mourn the loss of Harvey McCoy, W2IYX who became a silent key on 17 April 1994. Harvey was the "father" of frequency shift RTTY (FS RTTY), having invented it for the U.S. military during World War II. All RTTYers owe him a debt of gratitude.

To those going to Dayton next week I wish a nice trip and lot of fun in the meeting and during the RTTY Dinner.

Also for next week send your Bandpass and Notes to Luciano,
I5FLN @ I5FLN.ITA.EU or I5FLN @ ZS5S.ZAF.AF or I5FLN @ 4X6SL.ISR.AS.

GL de (DX2) Luciano, I5FLN @ ZS5S.ZAF.AF
/EX
SP KT7H @ N7DUO.WA.USA.NA

End of Info-Hams Digest V94 #443
